

[54] **ABSORBABLE HEMOSTATIC COMPOSITION**

[75] Inventors: **Frank V. Mattei**, Piscataway, N.J.;  
**Martin Stephenson**; **Allin K. Gordon**,  
both of Peterborough, Canada;  
**Namassivaya Doddi**, Upland, Calif.

[73] Assignee: **Ethicon, Inc.**, Somerville, N.J.

[21] Appl. No.: **442,219**

[22] Filed: **Nov. 16, 1982**

[51] Int. Cl.<sup>3</sup> ..... **A61K 31/23**; **A61K 31/74**

[52] U.S. Cl. .... **424/78**; **424/289**;  
**424/312**; **424/318**; **424/339**

[58] Field of Search ..... **424/312**, **318**, **78**

[56] **References Cited**

**U.S. PATENT DOCUMENTS**

2,772,999	12/1956	Masci et al. ....	167/84
3,395,217	7/1968	Statt .....	424/81
4,186,448	2/1980	Brekke .....	128/296
4,201,216	5/1980	Mattei .....	128/335.5

**FOREIGN PATENT DOCUMENTS**

1584080 2/1981 United Kingdom .

**OTHER PUBLICATIONS**

Annals of Surgery, vol. 132, 1950, pp. 1128-1130, New Absorbable Hemostatic Bone Wax, Drs. Geary and Frantz.

Chemical Abstracts 82:46252e; 1975 (Gupta et al.).

Chemical Abstracts 85:161435r; 1976 (Yates et al.).

*Primary Examiner*—Leonard Schenkman

[57] **ABSTRACT**

An absorbable hemostatic composition for use in the control of osseous hemorrhage, comprising a biocompatible fatty acid salt in a biocompatible base, said composition having a putty-like consistency at room temperature. The preferred composition is one in which the fatty acid salt is calcium stearate.

**22 Claims, No Drawings**